IN THE CLAIMS

Please cancel claims 3, 4, 5, 10, 11 and 12 without prejudice or disclaimer.

Please amend claims 1, 8 and 9 as follows below. In accordance with 37 C.F.R. § 1.21(c)(1), a marked-up version of the claims is set forth at the end of this response under the heading "Marked-up Version of the Claims."

1. (Once amended) A preparation in powder form for administration through mucosa, comprising a medicine of high molecular weight and aminoalkylmethacrylate copolymer or polyvinyl acetal diethylaminoacetate.

8. (Once amended) The preparation of claim 7, wherein the protein is a granulocyte colony-stimulating factor.

9. (Once amended) The preparation of any one of claims 1, 2, 6, 7, or 13-20, which is a preparation for pernasal administration.

Please add new claims 13-20 which follow below.

13. (New) The preparation of claim 1, which comprises 0.1 to 90 w/w% of aminoalkylmethacrylate copolymer or polyvinyl acetal diethylaminoacetate.

14. (New) The preparation of claim 1, which comprises 1 to 50 w/w% of aminoalkylmethacrylate copolymer or polyvinyl acetal diethylaminoacetate.

15. (New) The preparation of claim 1, which improves absorption of the medicine of high molecular weight through mucosa.

16. (New) The preparation of claim 15, wherein the medicine of high molecular weight is selected from the group consisting of calcitonin, insulin, proinsulin, vasopressin, desmopressin, luteinizing hormone, luteinizing hormone-releasing hormone, somatostatin, prolactin, glucagon, gastrin, secretin,

kallikrein, urokinase, neurotensin, enkephalin, kyotorphin, endorphin, endothelin, angiotensin, transferrin, atrial natriuretic polypeptide, epithelial growth factor, growth hormone, parathryoid hormone, interferons, interleukins, tumor necrosis factor, leukemia inhibitory factor, hematopoietic stem cell growth factor, erythropoietin, granulocyte colony-stimulating factor, granuloctye macrophage-stimulating factor, macrophage colony-stimulating factor, thrombopoietin, superoxide dismutase, tissue plasminogen activator, antithrombin, blood coagulation factors, anti-IgE antibodies, anti-IGA antibodies, anti-tumor antibodies, antibodies to tumor necrosis factor, anti-interleukin antibodies, HIV-neutralizing antibodies, anti-platelet antibodies, anti-hepatitis virus antibodies, hepatitis vaccines, influenza vaccines, pertussis vaccine, diptheria vaccine, tetanus toxoids vaccine.

17. (New) The preparation of claim 1, wherein said high molecular weight medicine is a protein.

18. (New) The preparation of claim 17, wherein said protein is conjugated to a hapten.

19. (New) The preparation of claim 18, further comprising an adjuvant.

20. (New) The preparation of claim 1, further comprising an adjuvant.